

M 5.4, 8 km E of Yayladere, Turkey

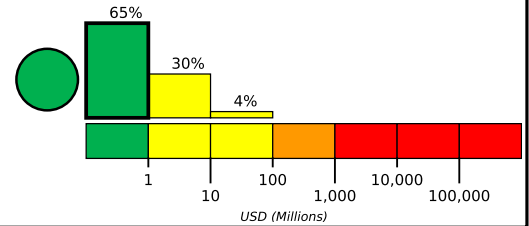
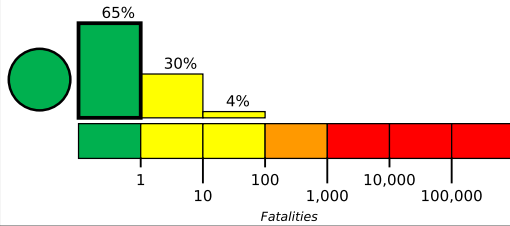
Origin Time: 2021-06-25 18:28:38 UTC (Fri 21:28:38 local)
Location: 39.2120° N 40.1629° E Depth: 10.0 km

Created: 2 hours, 4 minutes after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

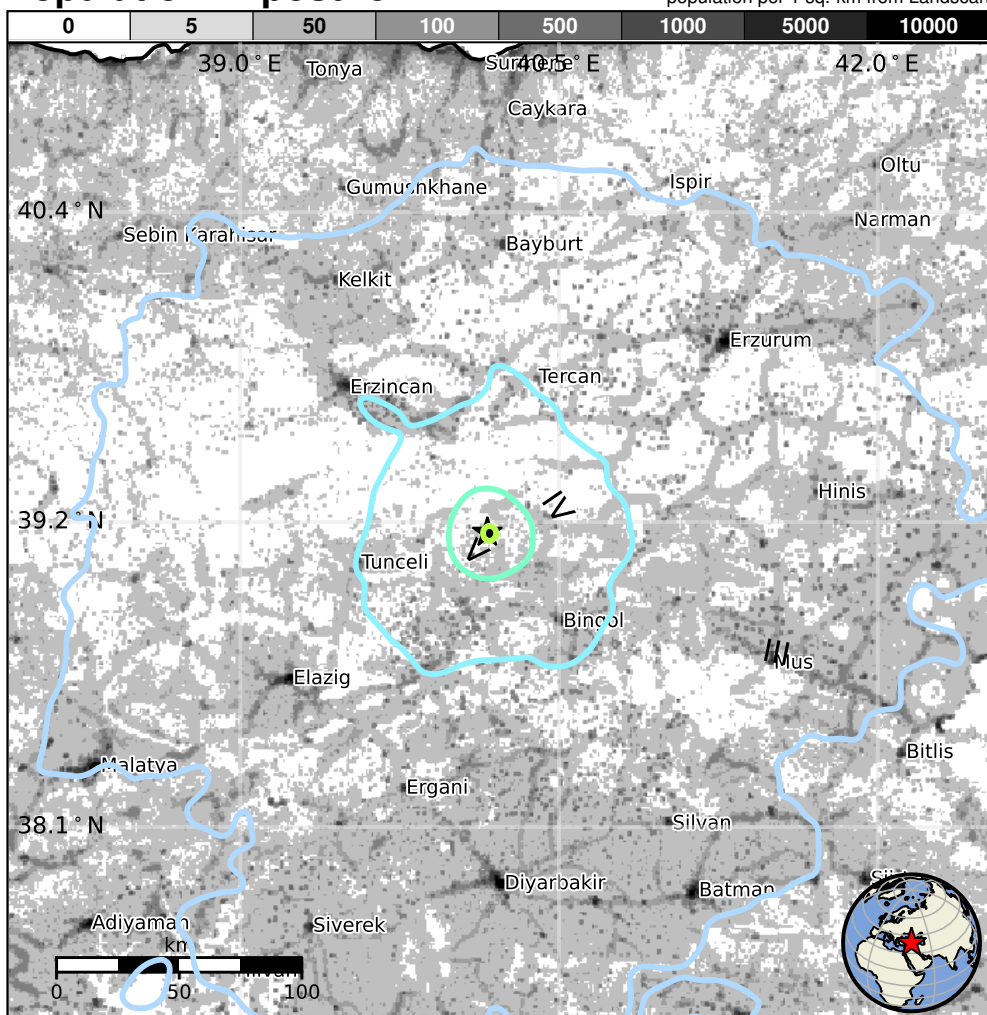


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	10,345k	415k	13k	1k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block and dressed stone/block masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-07-30	328	4.8	VI(2k)	1
1976-03-25	305	4.8	VI(1k)	1
1988-12-07	386	6.7	IX(50k)	25k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Can	<1k
V	Yayladere	4k
IV	Sancak	<1k
IV	Karakocan	30k
IV	Kasaba	<1k
IV	Dereova	<1k
III	Elazığ	298k
III	Diyarbakir	645k
III	Erzurum	421k
III	Batman	382k
III	Malatya	442k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000epst#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000epst